LC-XC1238AP

For main power supplies. Cycle long life type.

Labels will vary, see page 69 for example of labels.

(a) The photo and dimensions represent LC-XC1238AP

Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		38 Ah
Dimensions	Length	197 mm
	Width	165 mm
	Height	175 mm
	Total Height	175 mm
Approx. mass		15 kg

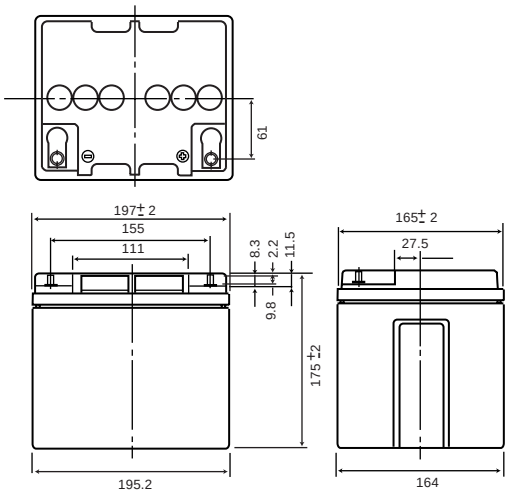
Characteristics

Capacity (note) (25°C)	20 hour rate (1.9A) 10 hour rate (3.6A) 5 hour rate (7.0A) 1 hour rate (2.3A)	38Ah 36Ah 35Ah 23Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	20.0A
Internal resistance	Fully charged battery (25°C)	Approx. 9 mΩ
Temperature dependency of capacity (20 hour rate)	40°C 25°C 0°C -15°C	102% 100% 85% 65%
Self discharge (25°C)	Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 64%
Charge Method (Constant Voltage) Cycle use	Initial current	15.2A or smaller
	Control voltage	14.5V to 14.9V (per 12V cell 25°C)

(Note) The above characteristics data are average values obtained within three charge/discharge cycles, not the minimum values.

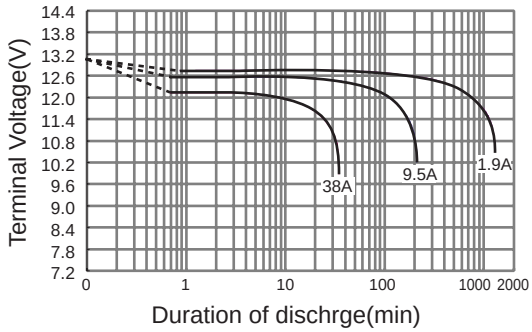
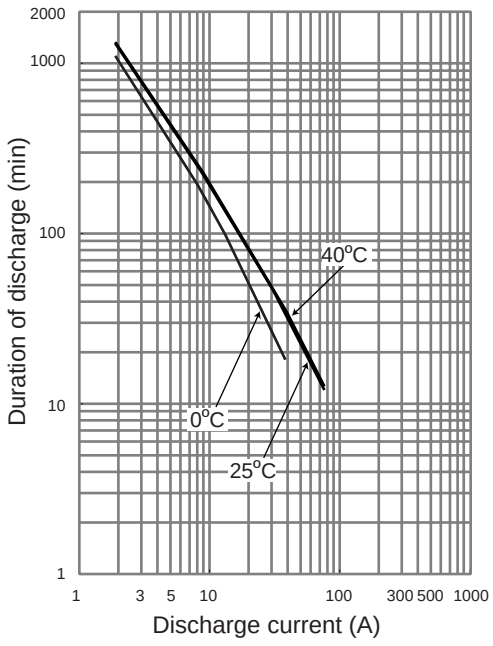
Dimensions (mm)

Terminal type: LC-XC1238AP: M5 threaded post



Battery case resin: Standard (UL94HB)

Discharge characteristics (25°C) (Note)



Duration of discharge vs. Discharge current (Note)